

## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

### Contents

#### **Daily Updates of Totals by Week and State**

[Weekly Updates by Select Demographic and Geographic Characteristics](#)


[Health Disparities: Race and Hispanic Origin](#)

[Excess Deaths Associated with COVID-19](#)

[Index of Available Data Files](#)

[Technical Notes](#)

Updated: November 17, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of November 17, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 11/14/2020.\***

**Updated November 17, 2020**

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>229,372</b>	2,491,826	111	233,325	104,452	6,806	364,023
2/1/2020	<b>0</b>	58,786	99	3,812	0	480	4,292
2/8/2020	<b>1</b>	59,347	99	3,808	0	521	4,330
2/15/2020	<b>0</b>	58,767	100	3,837	0	560	4,397
2/22/2020	<b>4</b>	58,836	101	3,705	1	566	4,274
2/29/2020	<b>10</b>	59,251	103	3,830	5	656	4,491
3/7/2020	<b>36</b>	59,629	103	3,972	18	635	4,624
3/14/2020	<b>56</b>	58,609	103	3,966	28	626	4,619
3/21/2020	<b>573</b>	59,137	104	4,543	250	558	5,417
3/28/2020	<b>3,169</b>	62,929	113	6,174	1,433	443	8,303
4/4/2020	<b>10,040</b>	72,206	129	9,919	4,763	478	15,439
4/11/2020	<b>16,199</b>	78,960	142	11,997	7,230	473	21,100
4/18/2020	<b>17,087</b>	76,639	142	11,392	7,311	265	21,244
4/25/2020	<b>15,455</b>	73,773	137	10,372	6,605	144	19,269
5/2/2020	<b>13,161</b>	69,195	129	8,943	5,516	65	16,633
5/9/2020	<b>11,180</b>	66,709	127	7,828	4,708	48	14,338
5/16/2020	<b>9,174</b>	64,366	123	6,764	3,775	21	12,181
5/23/2020	<b>7,195</b>	61,506	118	5,889	2,971	24	10,132
5/30/2020	<b>6,124</b>	59,541	115	5,269	2,484	12	8,921
6/6/2020	<b>5,008</b>	58,771	112	4,884	2,141	11	7,762
6/13/2020	<b>4,208</b>	57,894	112	4,528	1,859	11	6,885

6/20/2020	<b>3,817</b>	57,821	112	4,358	1,603	8	6,579
6/27/2020	<b>3,794</b>	58,331	113	4,249	1,548	11	6,505
7/4/2020	<b>4,491</b>	59,641	115	4,544	1,991	4	7,045
7/11/2020	<b>5,733</b>	61,688	120	5,515	2,703	10	8,554
7/18/2020	<b>7,116</b>	62,911	123	6,160	3,436	12	9,849
7/25/2020	<b>8,144</b>	63,962	126	6,716	3,941	10	10,924
8/1/2020	<b>8,214</b>	63,894	126	6,788	4,035	13	10,973
8/8/2020	<b>7,774</b>	63,275	124	6,757	3,952	9	10,585
8/15/2020	<b>7,152</b>	63,037	124	6,450	3,647	5	9,957
8/22/2020	<b>6,250</b>	61,632	122	5,876	3,165	12	8,970
8/29/2020	<b>5,560</b>	59,671	117	5,424	2,822	11	8,168
9/5/2020	<b>4,766</b>	58,218	114	5,010	2,400	9	7,381
9/12/2020	<b>4,333</b>	57,041	111	4,718	2,171	7	6,885
9/19/2020	<b>3,952</b>	56,632	109	4,463	1,906	5	6,514
9/26/2020	<b>3,984</b>	57,438	110	4,649	1,967	3	6,668
10/3/2020	<b>3,876</b>	56,171	107	4,448	1,850	7	6,481
10/10/2020	<b>4,363</b>	57,145	109	4,714	2,152	12	6,934
10/17/2020	<b>4,556</b>	54,765	102	4,652	2,178	16	7,039
10/24/2020	<b>4,964</b>	53,947	99	4,793	2,289	15	7,476
10/31/2020	<b>4,768</b>	49,021	88	4,369	2,192	14	6,956
11/7/2020	<b>2,801</b>	33,858	59	2,812	1,273	16	4,350
11/14/2020	<b>284</b>	6,876	12	428	133	0	579

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 11/14/2020.\*

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>229,372</b>	2,491,826	111	233,325	104,452	6,806	364,023
Alabama	<b>4,139</b>	46,495	111	3,649	1,353	102	6,532
Alaska	<b>74</b>	3,429	99	158	37	-	201
Arizona	<b>5,439</b>	57,816	122	5,862	3,060	115	8,356
Arkansas	<b>2,065</b>	27,955	111	2,505	946	82	3,703
California	<b>17,554</b>	233,855	110	23,441	9,833	582	31,742
Colorado	<b>2,299</b>	34,977	111	2,753	1,153	96	3,990
Connecticut	<b>4,535</b>	26,631	106	2,098	987	72	5,715
Delaware	<b>617</b>	7,973	109	550	237	16	946
District of Columbia	<b>806</b>	5,649	116	1,064	764	-	1,115
Florida	<b>16,888</b>	188,436	114	19,281	9,237	340	27,246
Georgia	<b>7,282</b>	75,857	113	6,815	3,459	116	10,750
Hawaii	<b>286</b>	9,290	101	621	135	21	793
Idaho	<b>729</b>	12,244	108	733	288	28	1,199
Illinois	<b>9,276</b>	95,827	114	9,437	4,478	184	14,414
Indiana	<b>4,642</b>	56,608	108	5,331	2,027	133	8,075
Iowa	<b>2,055</b>	25,599	106	1,919	637	86	3,423
Kansas	<b>1,292</b>	22,296	107	1,609	533	90	2,457
Kentucky	<b>1,771</b>	39,292	103	3,565	820	103	4,616
Louisiana	<b>5,382</b>	41,992	116	4,232	2,637	75	7,046
Maine	<b>180</b>	11,964	103	735	42	31	904
Maryland	<b>4,608</b>	45,775	115	4,264	1,710	128	7,274
Massachusetts	<b>8,350</b>	53,667	114	5,929	2,977	168	11,462
Michigan	<b>7,008</b>	86,077	112	7,606	3,389	246	11,463
Minnesota	<b>2,708</b>	38,156	107	2,769	789	123	4,810
Mississippi	<b>3,348</b>	29,176	116	3,544	1,735	57	5,210
Missouri	<b>3,416</b>	53,874	106	3,742	1,278	182	6,061

Montana	<b>428</b>	8,634	105	552	190	34	824
Nebraska	<b>836</b>	14,142	104	1,104	328	28	1,640
Nevada	<b>1,740</b>	22,764	111	2,542	1,314	41	3,009
New Hampshire	<b>474</b>	10,391	105	604	127	31	980
New Jersey	<b>14,728</b>	74,453	126	10,650	7,089	122	18,397
New Mexico	<b>999</b>	15,693	107	1,229	470	29	1,787
New York <sup>7</sup>	<b>12,092</b>	92,613	117	11,752	5,748	218	18,295
New York City	<b>21,002</b>	68,865	160	11,686	8,055	969	24,769
North Carolina	<b>2,926</b>	62,308	83	4,502	1,178	232	6,479
North Dakota	<b>590</b>	6,065	106	663	274	20	999
Ohio	<b>5,589</b>	101,512	102	6,802	2,400	264	10,254
Oklahoma	<b>1,761</b>	32,465	103	3,000	673	118	4,199
Oregon	<b>677</b>	29,615	102	1,373	224	66	1,891
Pennsylvania	<b>9,420</b>	113,999	106	8,390	3,407	257	14,654
Rhode Island	<b>1,164</b>	8,808	106	819	465	25	1,543
South Carolina	<b>3,972</b>	45,524	115	3,918	1,723	103	6,265
South Dakota	<b>490</b>	6,622	101	589	212	28	895
Tennessee	<b>3,638</b>	64,956	109	5,737	1,826	142	7,688
Texas	<b>20,203</b>	186,929	116	20,719	10,435	376	30,849
Utah	<b>708</b>	16,382	108	1,015	287	41	1,477
Vermont	<b>62</b>	4,784	104	216	15	16	279
Virginia	<b>3,845</b>	60,093	110	3,776	1,415	118	6,319
Washington	<b>2,232</b>	47,058	104	3,453	1,146	116	4,650
West Virginia	<b>427</b>	16,563	92	1,208	166	60	1,529
Wisconsin	<b>2,513</b>	45,690	108	2,567	702	152	4,528
Wyoming	<b>107</b>	3,988	110	247	42	-	321
Puerto Rico	<b>808</b>	22,357	94	2,884	512	74	3,250

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes New York City.

# Understanding the Numbers: Provisional Death Counts and COVID-19

*Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

## How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new ICD-10 code.** When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

## Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

## Things to know about the data

**Provisional counts are not final and are subject to change.** Counts from previous weeks are continually revised as more records are received and processed.

**Provisional data are not yet complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

**Death counts should not be compared across states.** Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.